

# Work Order ID 66420

February 14, 2011 11:45:41 AM



Page 1

Item ID:	D4021-7	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Hoop					
Start Date:	2/14/11	Start Qty: 6.00		Cust Item ID:		
Required Date:	2/18/11	Req'd Qty: 6.00		Customer:		
Reference:						

Approvals:	Process Plan:	<u>C2</u>	Date:	<u>1/10/11</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4021	B								

100 0.00



Waterjet

FLOW CNC Waterjet

Memo

Cut as per dwg D4021

Prog Rev: B

Dwg Rev: B

Deburr as required

0.00

B11-2-15

110 0.00



QC

Quality Control

Memo

QC2- Inspect parts off machine FAI/FAIB

0.00

B11-2-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Abstract**

February 14, 2011 11:45:41 AM

**Accept**

[illegible]**Setup Start**[illegible]

**Stop**

**Cust Item ID:**

**Start Qty:** 6.00

[illegible]**Required Date:** 2/18/11

**Req'd Qty: 6.00**

[illegible]

**Customer:**

**Reference:**

Run Start

**Abstract**

**Approvals:**

### Process Plan:

Date:

**Tooling:**

**Date:**

**Stop**

**00000000000000000000**

**QC:**

**Date:**

**SPC (Y/N):**

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 	QC8- Inspect parts - second check	0.00							
QC Quality Control	Memo	0.00		Sulozlic		(He)			
130 	Small Fab	0.00							
Small Fab	Memo 1- make radius as per dwg 2- deburr	0.00		=> m-f	11/02/16	(6X)			
140 	QC5- Inspect part completeness to step on W/O	0.00							
QC Quality Control	Memo	0.00		Sulozlic		(x6)			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 66420

Parent Item: D4021-7

Parent Item Name: Hoop



Start Date: 2/14/11

Required Date: 2/18/11

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP RevA: new issue DD 09.11.25 verified by:EC IPP Rev:B as  
per dwg REV.A DD 10.02.22 verified by:EC IPP Rev:C as per dwg revB  
DD 10.04.20 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M304B0.625X3.000

Purchased

No

100

f

8.0000

0.4166

2.631158



B11-2-16

304 BAR .625 X 3.00

Location

Loc Qty

Loc Code

MAT

8

116810

8

116810

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

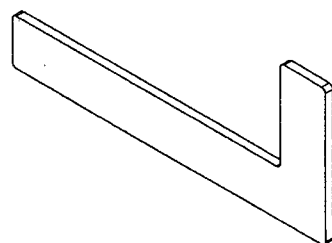
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

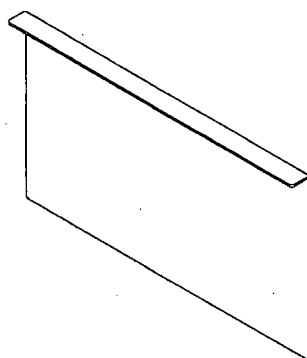
**NOTE:** Date & initial all entries



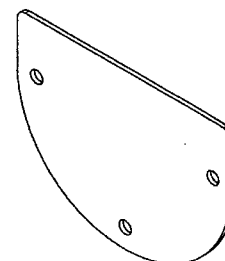
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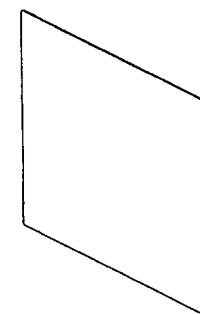
D4021-1 HANDLE PLATE



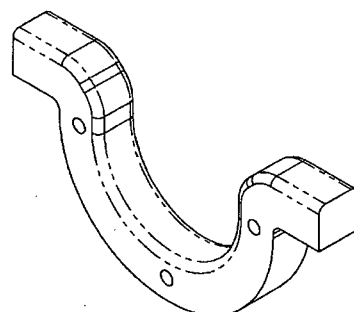
D4021-3 DATA PLATE



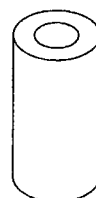
D4021-5 BLANKING PLATE



D4021-11 INSTRUCTIONS PLATE



D4021-7 HOOP



D4021-9 BUSHING

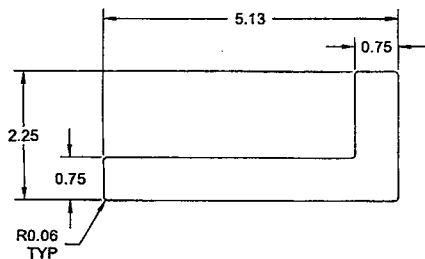
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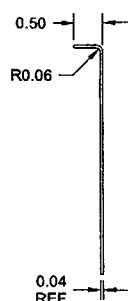
B	POWDER COAT SPEC ADDED TO NOTE 2 (A8-2)	JPH	10.04.06
A	NEW ISSUE	JPH	10.01.29
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JPH	DRAWING NO.	REV. B
MFG. APPR.	JPH	D4021	SHEET 1 OF 3
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	MISC PARTS - 350 BASKET	NTS
DATE	10.04.06	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMBINED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

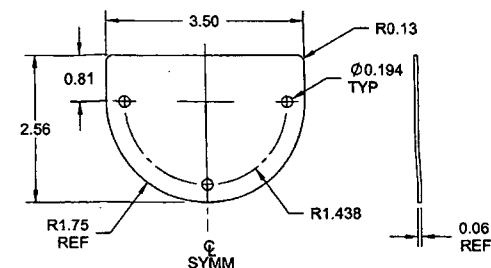




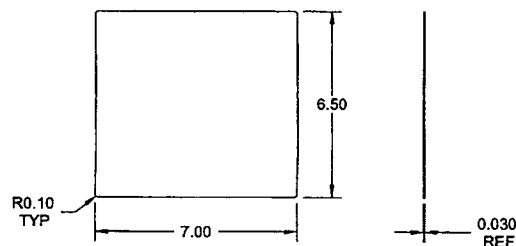
**D4021-1 HANDLE PLATE**



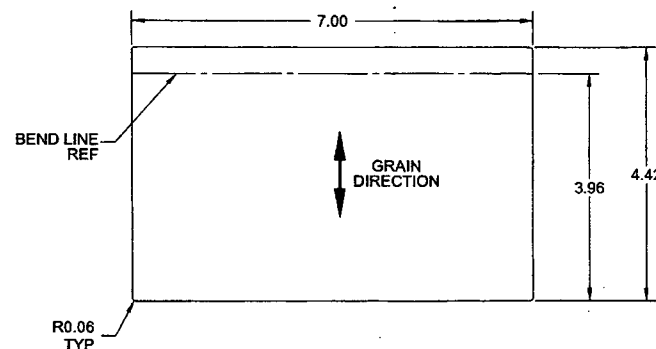
**D4021-3 DATA PLATE**  
MAKE FROM D4021-3F



**D4021-5 BLANKING PLATE**



**D4021-11 INSTRUCTIONS PLATE**



**D4021-3F DATA PLATE**  
FLAT PATTERN



**NOTES:**

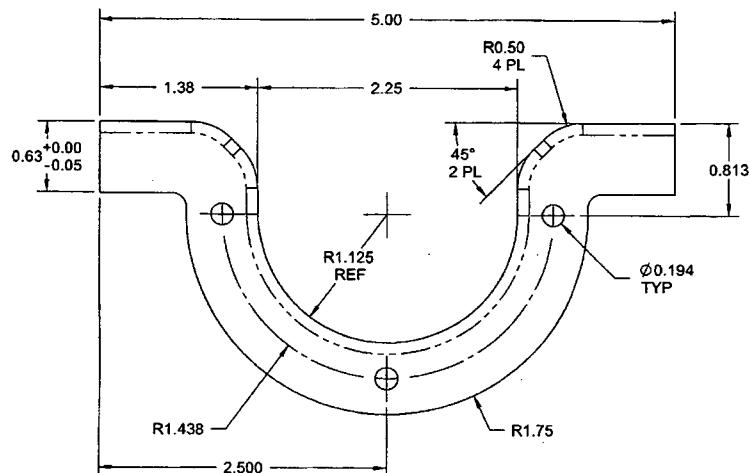
- 1) MATERIAL -1: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240 REF DART SPEC M304S11GA
- 3F: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240 REF DART SPEC M304S20GA
- 5: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240 REF DART SPEC M303S16GA OR M304S16GA
- 11: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240 REF DART SPEC M304S22GA

- 2) FINISH: -1/-3/-11: NONE
- 5: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -1: 0.18 lbs -3: 0.35 lbs
- 5: 0.14 lbs -11: 0.39 lbs

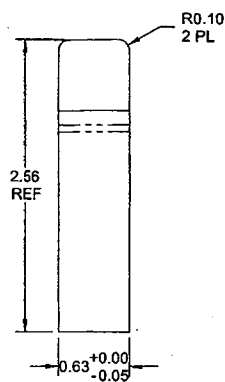
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MFG. APPR.		D4021	SHEET 2 OF 3
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**D4021-7 HOOP**



**D4021-9 BUSHING**

**NOTES:**

- 1) MATERIAL-7: 304/316 STAINLESS STEEL BAR, PER ASTM A276  
REF DART SPEC M304B
- 9: 304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276  
REF DART SPEC M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -7: 0.80 lbs  
-9: 0.02 lbs

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MFG. APPR.		D4021	SHEET 3 OF 3
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